Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
|---|---|---|---|---|---|---|---|---|---|
| | | In | In | | In | In | | | |
| 7A: | | | | | | | | | |
| WIOTA------------- | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |
| 13B: | | | | | | | | | |
| OLMITZ------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| COLO--------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| VESSER------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 24D2: | | | | | | | | | |
| SHELBY------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 24D3: | | | | | | | | | |
| SHELBY------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 24E2: | | | | | | | | | |
| SHELBY------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 24E3: | | | | | | | | | |
| SHELBY------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 51A: | | | | | | | | | |
| VESSER------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 51B: | | | | | | | | | |
| VESSER------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 54A: | | | | | | | | | |
| ZOOK--------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 54B: | | | | | | | | | |
| ZOOK--------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 56B: | | | | | | | | | |
| CANTRIL------------ | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Low. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| 65E2: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 65E3: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 65F: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 65F2: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 65F3: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 65G2: | | | | | | | | | |
| LINDLEY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 93D2: | | | | | | | | | |
| ADAIR-------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| SHELBY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 93D3: | | | | | | | | | |
| ADAIR-------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| SHELBY------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 94D2: | | | | | | | | | |
| MYSTIC------------| | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |
| CALEB-------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 94D3: | | | | | | | | | |
| MYSTIC------------| | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |
| CALEB-------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |

Soil Features
(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | In | In | | In | In | | | |
| 94E2: | | | | | | | | | |
| MYSTIC------------ | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |
| CALEB------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 94E3: | | | | | | | | | |
| MYSTIC------------ | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |
| CALEB------------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 130: | | | | | | | | | |
| BELINDA----------- | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 131B: | | | | | | | | | |
| PERSHING---------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 131C: | | | | | | | | | |
| PERSHING---------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 131C2: | | | | | | | | | |
| PERSHING---------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 132B: | | | | | | | | | |
| WELLER------------ | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |
| 132B2: | | | | | | | | | |
| WELLER------------ | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |
| 132C2: | | | | | | | | | |
| WELLER------------ | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |
| 132D2: | | | | | | | | | |
| WELLER------------ | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |
| 133+: | | | | | | | | | |
| COLO-------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that
    data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| **133A:** | | | | | | | | | |
| COLO---------------| | --- | > 80 | --- | --- | --- | --- | High--------|High--------|Moderate. |
| **133B:** | | | | | | | | | |
| COLO---------------| | --- | > 80 | --- | --- | --- | --- | High--------|High--------|Moderate. |
| **172:** | | | | | | | | | |
| WABASH-------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|High--------|Moderate. |
| **179D2:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **179D3:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **179E:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **179E2:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **179E3:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **179F2:** | | | | | | | | | |
| GARA---------------| | --- | > 80 | --- | --- | --- | --- | Moderate----|Moderate----|Moderate. |
| **192C:** | | | | | | | | | |
| ADAIR--------------| | --- | > 80 | --- | --- | --- | --- | High--------|High--------|Moderate. |
| **192C2:** | | | | | | | | | |
| ADAIR--------------| | --- | > 80 | --- | --- | --- | --- | High--------|High--------|Moderate. |
| **192D2:** | | | | | | | | | |
| ADAIR--------------| | --- | > 80 | --- | --- | --- | --- | High--------|High--------|Moderate. |
| **208:** | | | | | | | | | |
| LANDES VARIANT-----| | --- | > 80 | --- | --- | --- | --- | Moderate----|Low---------|Low. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|---|---|---|---|---|---|---|---|---|---|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| 211: | | | | | | | | | |
| EDINA------------| --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 220: | | | | | | | | | |
| NODAWAY-----------| --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Low. |
| 222C: | | | | | | | | | |
| CLARINDA----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 222C2: | | | | | | | | | |
| CLARINDA----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 222C3: | | | | | | | | | |
| CLARINDA----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 222D2: | | | | | | | | | |
| CLARINDA----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 260: | | | | | | | | | |
| BECKWITH----------| --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 261: | | | | | | | | | |
| APPANOOSE---------| --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 269A: | | | | | | | | | |
| HUMESTON----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 269B: | | | | | | | | | |
| HUMESTON----------| --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 273B: | | | | | | | | | |
| OLMITZ------------| --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 312B: | | | | | | | | | |
| SEYMOUR-----------| --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 312C2: | | | | | | | | | |
| SEYMOUR-----------| --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that
    data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
|---|---|---|---|---|---|---|---|---|---|
| | | In | In | | In | In | | | |
| **313D2:** | | | | | | | | | |
| GOSPORT------------ | Bedrock (paralithic) | 20- 40 | --- | --- | --- | --- | Moderate---- | High-------- | High. |
| CLANTON------------ | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| **313E2:** | | | | | | | | | |
| GOSPORT------------ | Bedrock (paralithic) | 20- 40 | --- | --- | --- | --- | Moderate---- | High-------- | High. |
| CLANTON------------ | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| **313F2:** | | | | | | | | | |
| GOSPORT------------ | Bedrock (paralithic) | 20- 40 | --- | --- | --- | --- | Moderate---- | High-------- | High. |
| CLANTON------------ | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| **315:** | | | | | | | | | |
| NODAWAY------------ | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Low. |
| ALLUVIAL LAND------ | --- | --- | --- | --- | --- | --- | Low--------- | Low--------- | Moderate. |
| **354:** | | | | | | | | | |
| MARSH-------------- | --- | --- | --- | --- | | --- | --- | --- | --- |
| **362:** | | | | | | | | | |
| HAIG--------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| **364B:** | | | | | | | | | |
| GRUNDY------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| **406:** | | | | | | | | | |
| KENNEBEC----------- | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Low. |
| AMANA-------------- | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that
    data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| 413D2: | | | | | | | | | |
| SOGN---------------|Bedrock (lithic) | 4- 20| --- | --- | --- | --- |Moderate----|Low---------|Low. |
| CLANTON------------| --- | > 80 | --- | --- | --- | --- |Moderate----|High--------|Moderate. |
| GOSPORT------------|Bedrock (paralithic) | 20- 40| --- | --- | --- | --- |Moderate----|High--------|High. |
| 422: | | | | | | | | | |
| AMANA--------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 425C: | | | | | | | | | |
| KESWICK------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 425C2: | | | | | | | | | |
| KESWICK------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 425D: | | | | | | | | | |
| KESWICK------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 425D2: | | | | | | | | | |
| KESWICK------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 425D3: | | | | | | | | | |
| KESWICK------------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 452B: | | | | | | | | | |
| LINEVILLE----------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 452C: | | | | | | | | | |
| LINEVILLE----------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 452C2: | | | | | | | | | |
| LINEVILLE----------| --- | > 80 | --- | --- | --- | --- |High--------|High--------|Moderate. |
| 453A: | | | | | | | | | |
| TUSKEEGO-----------| --- | > 80 | --- | --- | --- | --- |Moderate----|High--------|Moderate. |

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|---|---|---|---|---|---|---|---|---|---|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| 453B: | | | | | | | | | |
| TUSKEEGO-----------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 467: | | | | | | | | | |
| RADFORD------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Low. |
| 520: | | | | | | | | | |
| COPPOCK------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 531B: | | | | | | | | | |
| KNIFFIN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 531C: | | | | | | | | | |
| KNIFFIN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 531C2: | | | | | | | | | |
| KNIFFIN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 532B: | | | | | | | | | |
| RATHBUN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 532B2: | | | | | | | | | |
| RATHBUN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 532C: | | | | | | | | | |
| RATHBUN------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 532C2: | | | | | | | | | |
| RATHBUN------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 534: | | | | | | | | | |
| CARLOW-------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| 587: | | | | | | | | | |
| CHEQUEST-----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| 592C2: | | | | | | | | | |
| MYSTIC-------------| | --- | > 80 | --- | --- | --- | --- | High-------- | Moderate---- | Moderate. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
|---|---|---|---|---|---|---|---|---|---|
| | | In | In | | In | In | | | |
| 592C3: | | | | | | | | | |
| MYSTIC-------------| | --- | > 80 | --- | --- | --- | --- | High--------| Moderate----| Moderate. |
| 592D2: | | | | | | | | | |
| MYSTIC-------------| | --- | > 80 | --- | --- | --- | --- | High--------| Moderate----| Moderate. |
| 592D3: | | | | | | | | | |
| MYSTIC-------------| | --- | > 80 | --- | --- | --- | --- | High--------| Moderate----| Moderate. |
| 752C: | | | | | | | | | |
| LINEVILLE VARIANT--| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 752C2: | | | | | | | | | |
| LINEVILLE VARIANT--| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 792C2: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 792C3: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 792D2: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 792D3: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 795C2: | | | | | | | | | |
| ASHGROVE-----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 795D2: | | | | | | | | | |
| ASHGROVE-----------| | --- | > 80 | --- | --- | --- | --- | High--------| High--------| Moderate. |
| 822D2: | | | | | | | | | |
| LAMONI-------------| | --- | > 80 | --- | --- | --- | --- | Moderate----| High--------| Moderate. |
| 822D3: | | | | | | | | | |
| LAMONI-------------| | --- | > 80 | --- | --- | --- | --- | Moderate----| High--------| Moderate. |

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Appanoose County, Iowa

| Map symbol and soil name | Restrictive layer | | | | Subsidence | | Potential for frost action | Risk of corrosion | |
|---|---|---|---|---|---|---|---|---|---|
| | Kind | Depth to top | Thickness | Hardness | Initial | Total | | Uncoated steel | Concrete |
| | | In | In | | In | In | | | |
| 993D2: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| GARA--------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 993D3: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| GARA--------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 993E2: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| GARA--------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 993E3: | | | | | | | | | |
| ARMSTRONG----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| GARA--------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | Moderate---- | Moderate. |
| 5030: | | | | | | | | | |
| MINES AND QUARRIES-| Bedrock (lithic) | 0- 4 | --- | --- | --- | --- | --- | --- | --- |
| T130: | | | | | | | | | |
| BELINDA------------| | --- | > 80 | --- | --- | --- | --- | Moderate---- | High-------- | Moderate. |
| T131B: | | | | | | | | | |
| PERSHING-----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| T131C: | | | | | | | | | |
| PERSHING-----------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | Moderate. |
| T132B: | | | | | | | | | |
| WELLER-------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |
| T132C: | | | | | | | | | |
| WELLER-------------| | --- | > 80 | --- | --- | --- | --- | High-------- | High-------- | High. |